

CONFIGURABLE CIRCUIT BOARD AND FABRICATION METHOD

ABSTRACT OF THE INVENTION

Circuit boards capable of receiving different sets 5 of electrical devices are fabricated from raw boards of the same type by forming respective networks of electrically conductive traces with a common layout on the raw boards, including open circuits within the networks. Electrical device receivers and controllers are then 10 loaded on the boards, and some of the open circuits are closed such that some of the boards have different patterns of closed circuits and thereby different interconnections. Some of the receivers can accommodate two different types of electrical devices, with some of the 15 boards configured to support one type and the others another type. The loading of receivers and controllers, and the closing of open circuits, can be performed simultaneously with the placement of zero ohm resistors used for circuit closings. Numerous different circuit board 20 configurations can thus be supported from a common supply of raw boards.